

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

12-17-76 Location Abandoned; well never drilled

DATE FILED 10-27-76

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-469 INDIAN _____

DRILLING APPROVED: 10-28-76

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: 12-17-76 Location Abandoned

FIELD: Natural Buttes 3/86

UNIT: _____

COUNTY: Uintah

WELL NO. NBU CIGE 1-29-10-22

API NO: 43-047-30242

LOCATION 1315' FT. FROM (N) ~~XX~~ LINE. 1320' FT. FROM (E) ~~XX~~ LINE. NWNE/4 1/4 - 1/4 SEC. 29

2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>10S</u>	<u>22E</u>	<u>29</u>	<u>CIG EXPLORATION, INC.</u>				

Location abandoned - 12-17-76

FILE NOTATIONS			
Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	_____
Entered On S R Sheet	_____	Copy NID to Field Office	_____
Location Map Pinned	_____	Approval Letter	_____
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	_____
IWR for State or Fee Land	_____		
COMPLETION DATA: <i>Location abandoned</i>			
Date Well Completed	<i>abandoned</i>	Location Inspected	_____
OW_____ WW_____ TA_____		Bond released	_____
GW_____ OS_____ PA_____		State of Fee Land	_____
LOGS FILED			
Driller's Log_____			
Electric Logs (No.)_____			
E_____ I_____ E-I_____ GR_____ GR-N_____ Micro_____			
Lat_____ Mi-L_____ Sonic_____ Others_____			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any well regulations.)

At surface

1315' FNL & 1320' FEL -- SECTION 29, T10S, R22E

At proposed prod. zone

SAME AS ABOVE - PLAT ATTACHED

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 17 MILES SOUTHEASTERLY FROM OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1315'

16. NO. OF ACRES IN LEASE

640.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640.00

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

9,500'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

UNGR. GR. 5,466'

22. APPROX. DATE WORK WILL START*

NOVEMBER 20, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4	13-3/8	42#	75'	150 SXs
11	8-5/8	24#	2,500'	1000 SXs
7-7/8	4-1/2	13.5#	9,500'	1500 SXs

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION

1. 10-POINT PROGRAM
2. BOP SCHEMATIC
3. 12-POINT PROGRAM
4. PLAT
5. PROPOSED GAS WELL PRODUCTION HOOKUP

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 10/28/76
BY: C.B. Light

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

A. W. Hunt

TITLE

DIST. SUPERINTENDENT

DATE

OCTOBER 22, 1976

(This space for Federal or State office use)

PERMIT NO.

43-047-30242

APPROVAL DATE

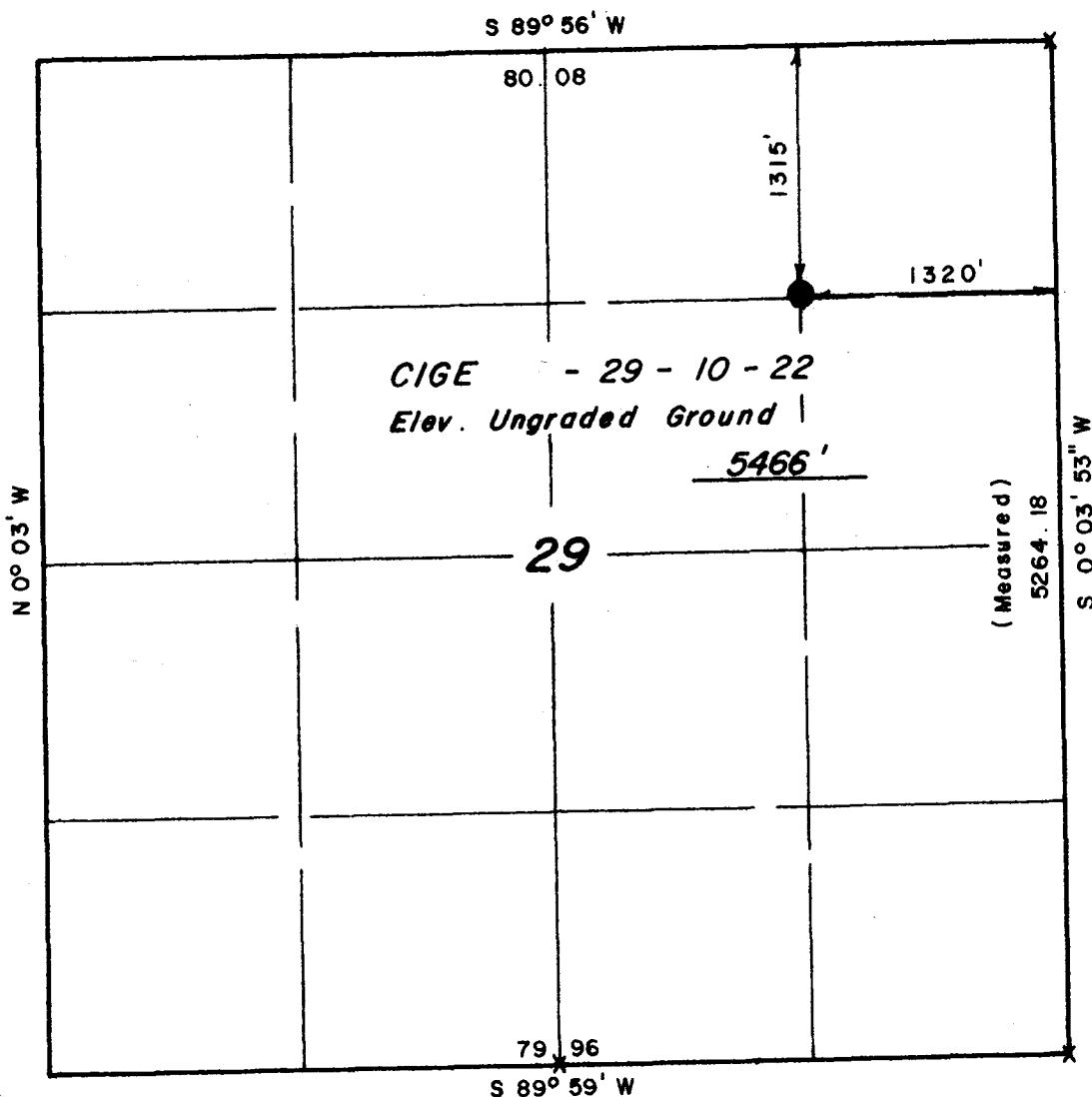
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

T 10 S, R 22 E, S.L.B.&M.



X = Section Corners Located

PROJECT
C I G EXPLORATION, INC.

Well location, CIGE 1 - 29 - 10
22, located as shown in the
NE 1/4, Section 29, T10S, R 22E,
S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 / 14 / 76
PARTY R K DB DD	REFERENCES GLO Plat
WEATHER Cool Clear	FILE C I G EXPLORATION, INC.

CIGE 1-29-10-22

NE/4 SECTION 29, T10S, R22E

UINTAH COUNTY, UTAH

10-POINT PROGRAM

1. Geologic name of surface formation:

Uinta Formation

2. Estimated tops of important geologic markers:

Wasatch	4350
Mesaverde	6450
Castlegate	8930
Mancos	9230

3. Estimated depths at which anticipated water, oil, gas are expected to be encountered:

Wasatch	4350 - Gas
Mesaverde	6450 - Gas
Castlegate	8930 - Gas

4. Proposed casing program, including size, grade, and weight per foot of each string and whether new or used:

13-3/8" at 75'	48#, H-40, STC	New
8-5/8" at 2,500'	24#, K-55, STC	New
4-1/2" at 9,500'	13.5#, N-80, LTC	New

5. Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

Bottom:

3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top: Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

The well will be drilled with fresh water from surface to 4,500' with a weight of 8.4 to 9.0 ppg. From 4,500' to 9,500', the well will be drilled with salt water mud with a weight from 8.5 to 10.0 ppg. Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. Auxiliary equipment to be used:
 - a. kelly cock
 - b. monitoring equipment on the mud system
 - c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string
8. Testing, logging and coring program to be followed:

No DST's are planned
No coring is planned
Logs: DLL
GR-Sonic
GR-FDC/CNL
9. Any anticipated abnormal pressures or temperatures expected to be encountered:

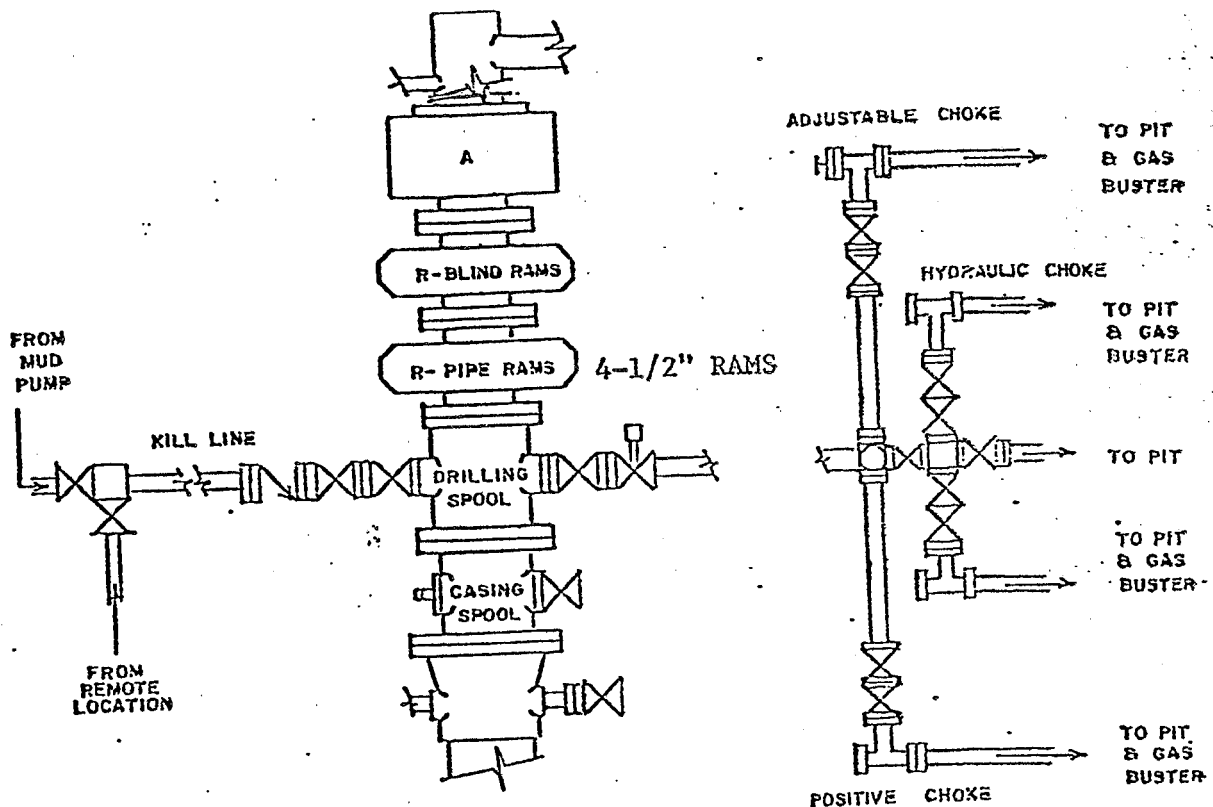
No abnormal pressures or temperatures expected
No hydrogen sulfide expected
10. The anticipated starting date and duration of the operation:

Starting date: November 20, 1976
Duration: Six Weeks.

RDM:mjr

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

CIG EXPLORATION, INC.

12 Point Surface Use Plan

for

Well Location

CIGE 1 - 29 - 10 - 22

Located In

Section 29 T10S, R22E, S.L.B. & M.

Uintah County, Utah

7. CONTINUED

When drilling activities have been completed, the rig off the location, and production facilities set up, all garbage and trash on the location site shall be cleaned up and covered with a minimum of 4' of cover. All production waste, such as cuttings, salts, chemicals, overflows of condensate, water, and drilling fluids shall be contained in the northeast cell of the reserve pit and upon completion of drilling activities, buried with a minimum of 4' of cover. A portable chemical toilet will be supplied for human waste. (See end paragraph in Item No. 10.)

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for this location.

9. WELL SITE LAYOUT

See attached location layout plat. B.L.M. District Manager will be notified before any construction begins on the proposed location site.

10. PLANS FOR RESTORATION OF THE SURFACE

The storage area shown in dashed lines on the location layout for the massive fracture treatment equipment shall, upon completion of the fracture treatment, be cleaned up, reshaped to the original contour, and reseeded as per BLM instructions.

There is no topsoil on the location site. When all production activities have been completed, the location site and access road will be reshaped to the original contour. (Fences around pits are to be removed upon completion of drilling activities.) All additional wastes being contained in the reserve pit and trash pit shall be buried with a minimum of 4' of cover. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager, when the moisture content of the soil is adequate for germination. Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days. The lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in the best and most workmanlike manner and in strict conformity with the above mentioned Items No. 7 and 10.

11. OTHER INFORMATION

Topography of the general area consists of generally rolling terrain trending northsouth with rock outcroppings, and ledges occurring along the steeper ridges. Level areas occur intermittently throughout the area. Drainages in the area are intermittent in nature running occasionally in the spring time and draining north into the annually flowing White River. Soils of this semi-arid area are of the Uintah formation, Eocene age, (Fluvial and Lake Deposits), shale rock and sandstone, containing some poorly graded fines. The soil throughout the area supports minimal sagebrush and grass vegetation. Vegetation of the area consists of approximately 15%

11. CONTINUED:

sagebrush and grasses, and 85% bare sandstone clay soil and shale rock. The surrounding area is also leased as winter range for sheep grazing. Wildlife is sparse, predominately coyotes, rabbits, and a variety of small ground squirrels, mice, snakes, and lizards. Birds in the area are hawks, finches, and ground sparrows. The ground slopes through the location site on approximately a 3% grade and is vegetated with a minimal scattering of sagebrush and grass. A small wash crosses the location site on the west side. (See location layout.)

There are no occupied dwellings, or other facilities including archeological, historical, or cultural sites within any reasonable close proximity of the proposed location site.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Robert G. Merrill
P.O. Box 749
Denver, Colorado 80201

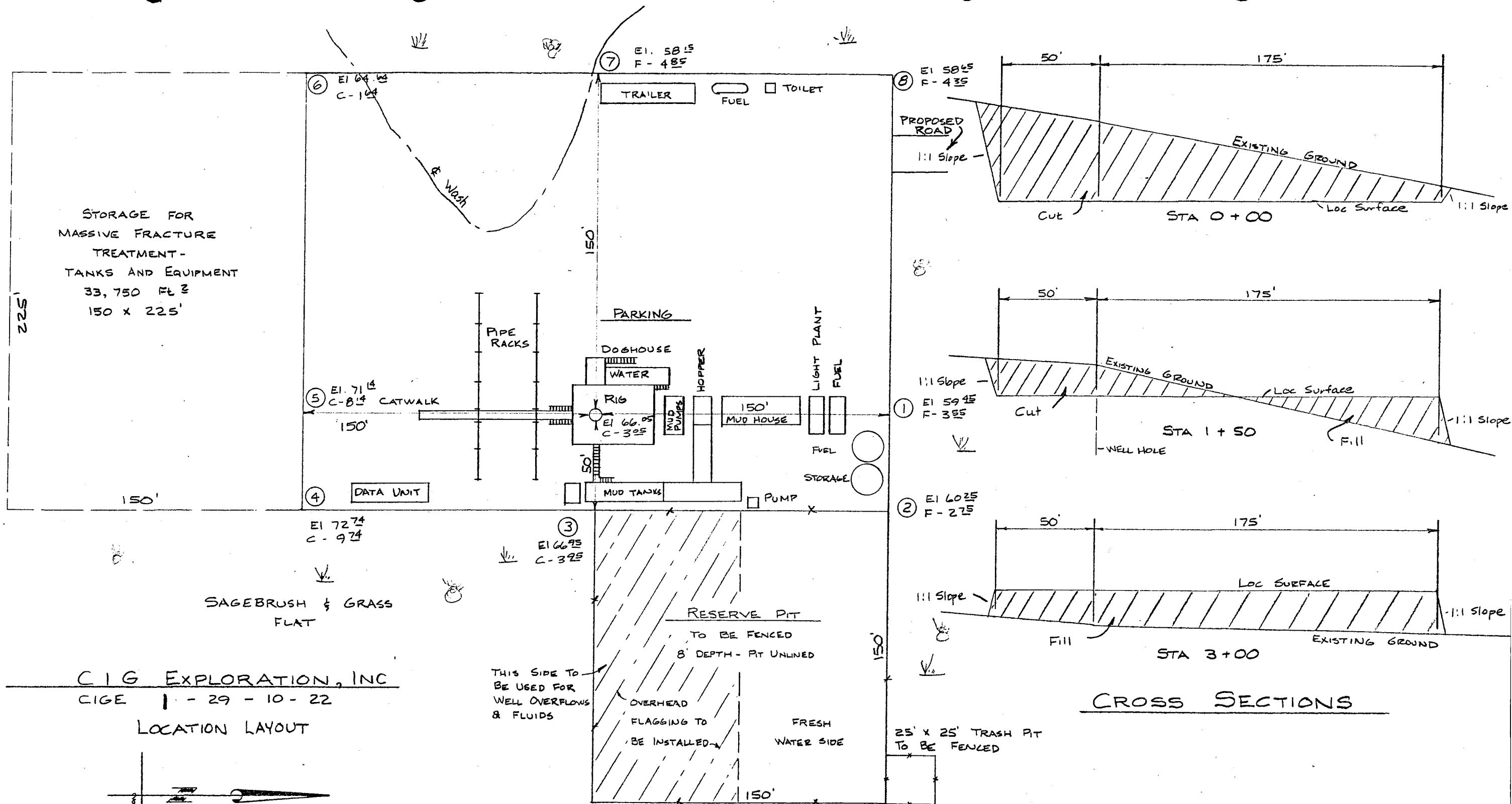
Bus. Phone: (303) 572-1121

CERTIFICATION

I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true, and correct; and that the work associated with the operations proposed herein will be performed by CIG Exploration, and its' contractors, and sub-contractors, in conformity with this plan and the terms and conditions under which it is approved.

10-20-76
DATE

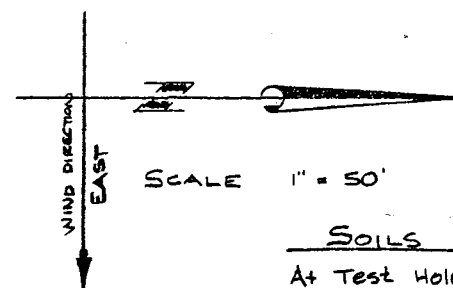
Robert G. Merrill
Robert G. Merrill
Area Engineer



C I G EXPLORATION, INC

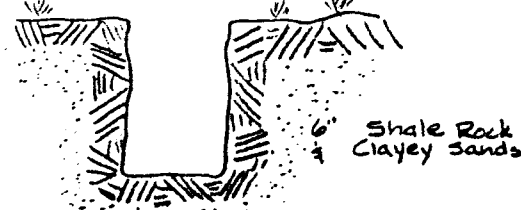
CIGE 1 - 29 - 10 - 22

LOCATION LAYOUT



SOILS LITHOLOGY

At Test Hole - No Scale

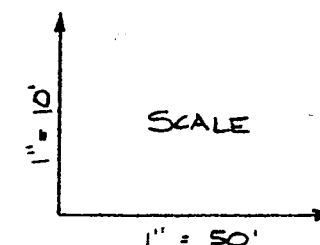


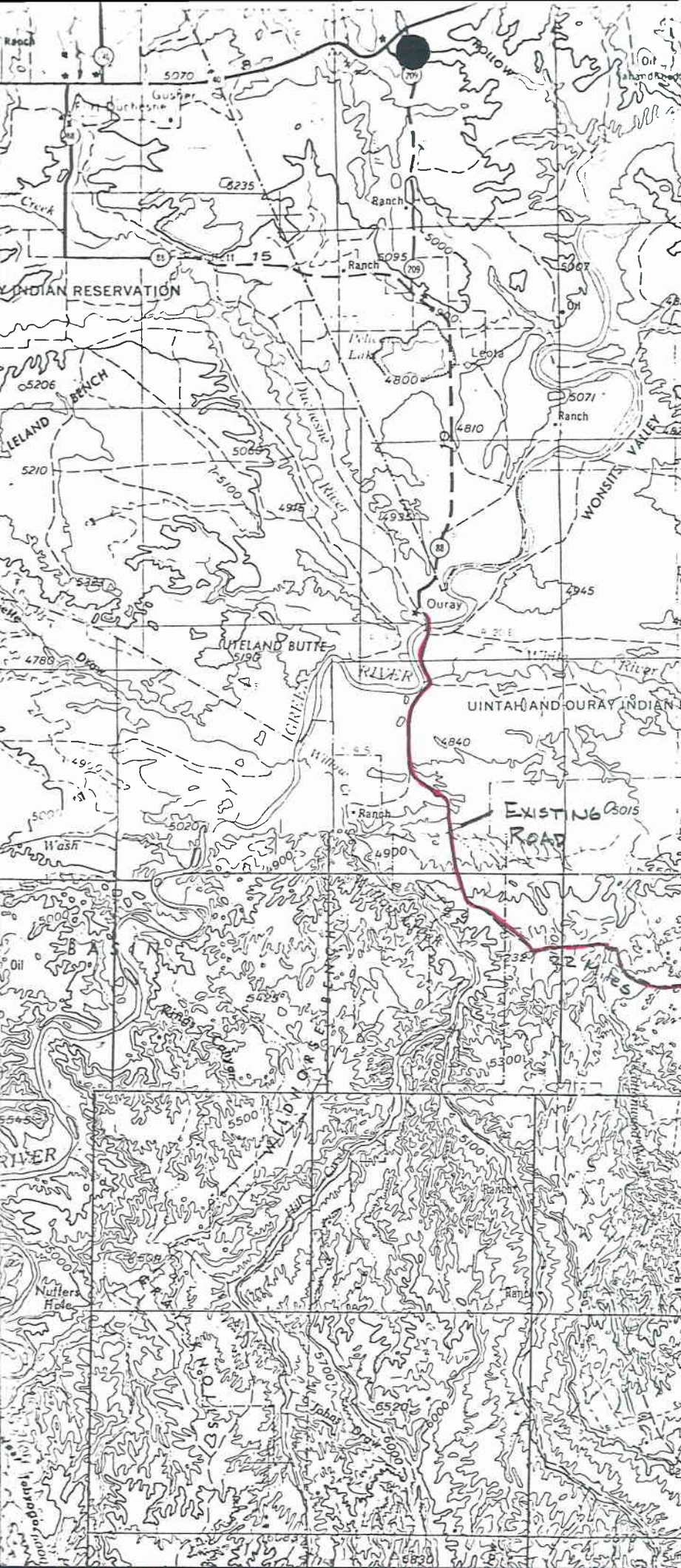
APPROX. YARDAGE

CUT = 5,288.28 Cu.Yds.

FILL = 3,958.70 Cu.Yds.

CROSS SECTIONS





C I G EXPLORATION, INC
TOPO MAP "A"

C I G E 1 - 29 - 10 - 22

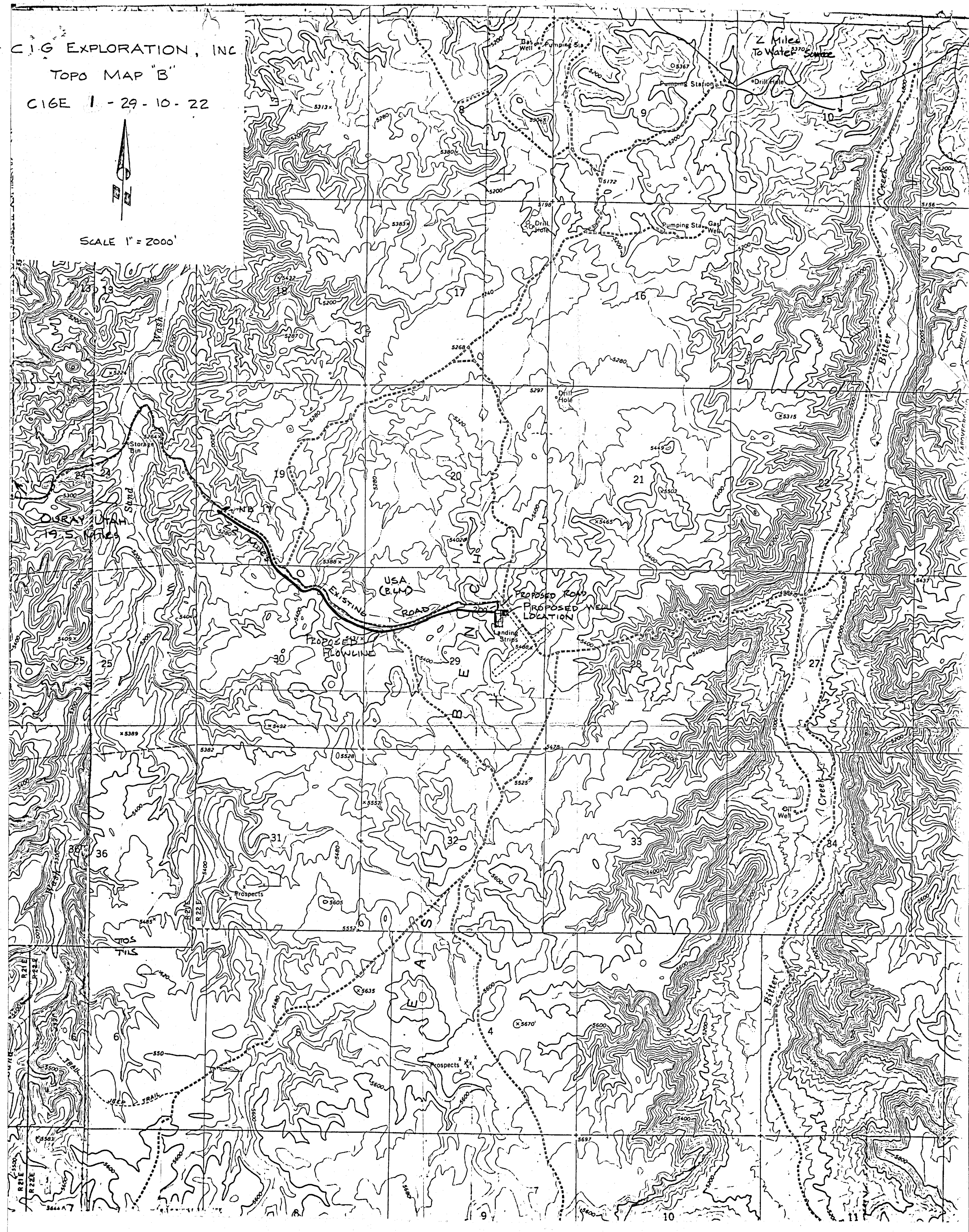


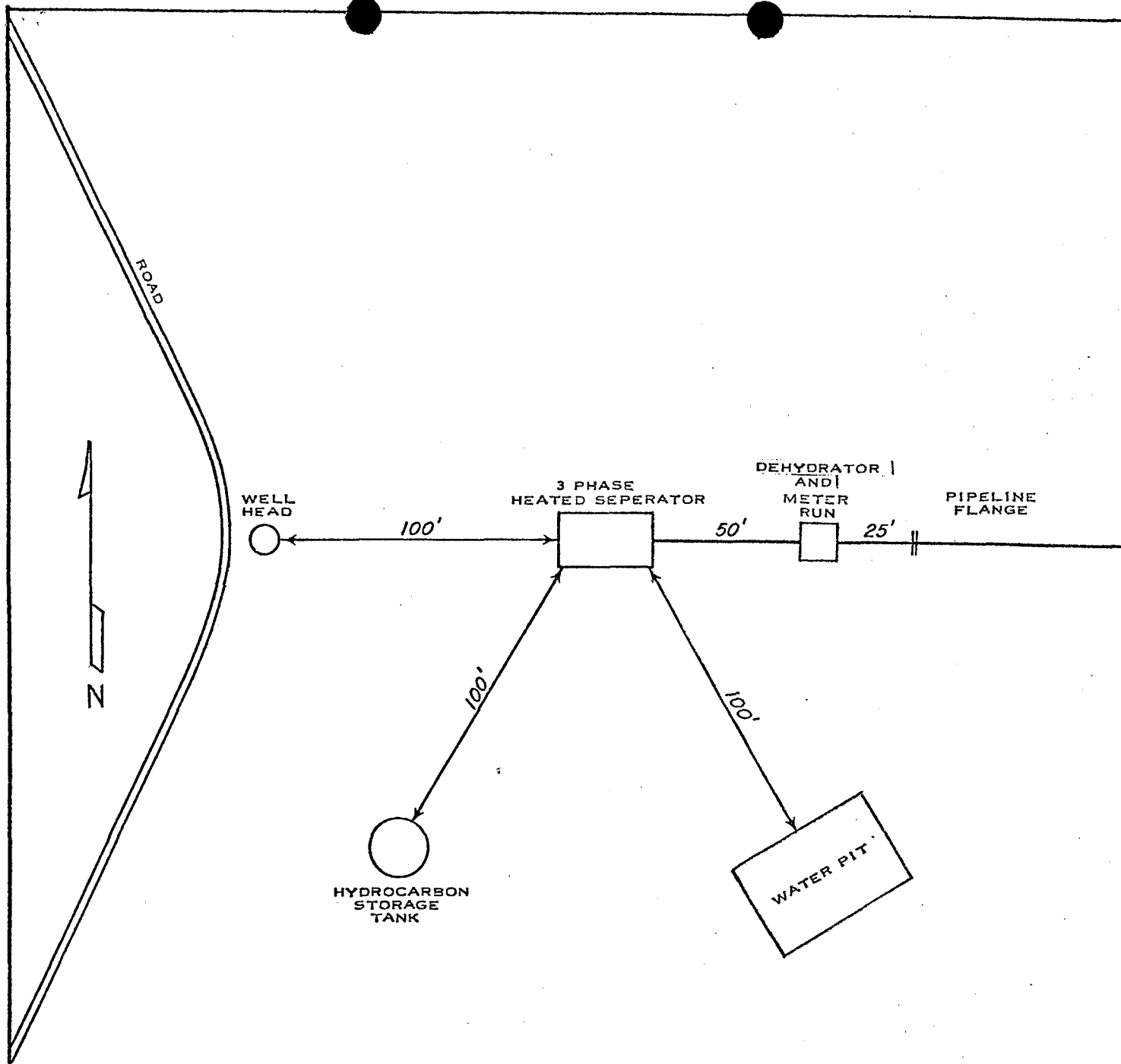
SCALE 1" = 4 miles

C16E 1 - 29 - 10 - 22



SCALE 1" = 2000'





COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

PROPOSED GAS WELL
PRODUCTION HOOKUP
CIGE 1-29-10-22
SECTION 29, T10S, R22E
UINTAH COUNTY, UTAH

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Oct. 28-
Operator: CIG Exploration
Well No: Natural Guite CIG 1-29-10-22
Location: Sec. 29 T. 10S R. 28E County: Montal

File Prepared



Entered on N.I.D.



Card Indexed



Completion Sheet



Checked By:

Administrative Assistant:

[Signature]

Remarks:

In Unit

Petroleum Engineer/Mined Land Coordinator:

[Signature]

Remarks:

Director:

2

Remarks:

Include Within Approval Letter:

Bond Required

☐

Survey Plat Required

☐

Order No.

☐

Blowout Prevention Equipment

☐

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site

☐

O.K. Rule C-3

☐

O.K. In N. Guite Unit

☒

Other:

☐

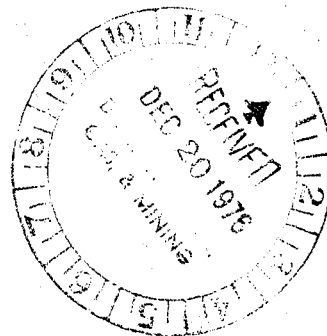
Letter Written



CIG Exploration, Inc.

A Subsidiary of Coastal States Gas Corporation
2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

December 17, 1976



Mr. C. B. Feight
State of Utah
Department of Natural Resources
Division of Oil & Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Re: CIGE 1-29-~~10~~-22
Section 29, T10S, R22E
Uintah County, Utah

Please be advised that the location for the first CIGE well to be drilled in the Natural Buttes area has been changed, making the above obsolete. Please cancel all your records concerning the above well name and location.

Enclosed is our Application to Drill CIGE 1-22-10-22 (Section 22, T10S, R22E - Uintah County, Utah) together with plat and other pertinent papers. This location will now be the first CIGE well to be drilled in the Natural Buttes area - with an approximate spud date of January 10, 1977.

Thank you for your attention in this matter.

Very truly yours,

Robert G. Merrill

Robert G. Merrill
Area Engineer

RGM:mjr

Attachments